

**Appendix A**  
**Norsun PTC, P-040511**

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**Air Quality  
PERMIT TO CONSTRUCT**

**State of Idaho  
Department of Environmental Quality**

**PERMIT No.:** P-040511

**FACILITY ID No.:** 065-00013

**AQCR:** 61

**CLASS:** B

**SIC:** 2037

**ZONE:** 12

**UTM COORDINATE (km):** 438.9, 4857.3

**1. PERMITTEE**

Norsun Food Group, Inc.

**2. PROJECT**

Permit to Construct

**3. MAILING ADDRESS**

900 East 3000 North

**CITY**

Sugar City

**STATE**

ID

**ZIP**

83448

**4. FACILITY CONTACT**

Ross Bennett

**TITLE**

Technical Services Manager

**TELEPHONE**

208-356-4149 x 119

**5. RESPONSIBLE OFFICIAL**

Ross Bennett

**TITLE**

Technical Services Manager

**TELEPHONE**

208-356-4149 x 119

**6. EXACT PLANT LOCATION**

903 East 3000 North

**COUNTY**

Madison

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Potato processing plant, included pre-cooked potato products

**8. PERMIT AUTHORITY**

This permit is issued according to IDAPA 58.01.01.200, Rules for the Control of Air Pollution in Idaho, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located; (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; (d) in no manner implies or suggests that the Department of Environmental Quality (DEQ) or its officers, agents, or employees, assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit is not transferable to another person, place, or piece or set of equipment. This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment may require DEQ approval pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200, et seq.

  
TONI HARDESTY, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL QUALITY

**DATE ISSUED:**

January 27, 2005

## Table of Contents

TABLE OF CONTENTS .....	2
ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE .....	3
1. PERMIT SCOPE .....	4
2. FACILITY-WIDE CONDITIONS .....	5
3. STEAM BOILER .....	8
4. A-LINE AND B-LINE OVENS .....	9
5. PERMIT GENERAL PROVISIONS .....	11



## Acronyms, Units, and Chemical Nomenclature

acfm	actual cubic feet per minute
AQCR	Air Quality Control Region
Btu	British thermal unit
CFR	Code of Federal Regulations
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
gr/dscf	grain (1 lb = 7,000 grains) per dry standard cubic feet
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
m	meter(s)
MMBtu/hr	million British thermal units per hour
NSPS	New Source Performance Standards
PM	particulate matter
PTC	permit to construct
PTE	potential to emit
scf	standard cubic feet
SIC	Standard Industrial Classification
SIP	State Implementation Plan
T/day	ton per day
UTM	Universal Transverse Mercator

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-040511**

<b>Permittee:</b>	Norsun Food Group, Inc.	<b>Facility ID No.</b> 065-00013	<b>Date Issued:</b>	January 27, 2005
<b>Location:</b>	Sugar City, Idaho			

## 1. PERMIT SCOPE

### *Purpose*

- 1.1 This facility was constructed without first obtaining a PTC from DEQ. This PTC contains conditions to limit the facility's potential to emit to protect ambient air quality standards.

### *Regulated Sources*

- 1.2 Table 1.1 lists all sources of regulated emissions in this permit.

**Table 1.1 SUMMARY OF REGULATED SOURCES**

Permit Section	Source Description	Emissions Control(s)
2	Steam Boiler	None
	Ovens:	
	A-line Oven	
	B-line Oven	
	C-line Oven	
	R & D Oven	
2	Natural gas-fired space heaters:	None
	One line heater (roof mounted)	
	One office heater (pulse)	
	two office 9200 heaters	
	One shop heater	
	One lab heater	
	One boiler room heater	
	two C-line room heaters	
	two A& B line room heaters	
	One steam peeler	
2, 3	Steam Boiler (12.8 MMBtu/hr)	None
2, 4	A-line and B-line Ovens	

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**2. FACILITY-WIDE CONDITIONS*****Fugitive Emissions***

- 2.1 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:
- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
  - Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust.
  - Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
  - Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
  - Paving of roadways and their maintenance in a clean condition, where practical.
  - Prompt removal of earth or other stored material from streets, where practical.
- 2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.
- 2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
- 2.4 The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

***Odors***

- 2.5 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.



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- 2.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall, at a minimum, include the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

**Visible Emissions**

- 2.7 The permittee shall not discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, NO<sub>x</sub>, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.
- 2.8 The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

**Excess Emissions**

- 2.9 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

**Open Burning**

- 2.10 The permittee shall comply with the requirements of IDAPA 58.01.01.600-616, *Rules for Control of Open Burning*.

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***Monitoring and Recordkeeping***

- 2.11 The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

***Reports and Certifications***

- 2.12 Any reporting required by this permit, including but not limited to, records, monitoring data, supporting information, requests for confidential treatment, notifications of intent to test, testing reports, or compliance certifications, shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete. Any reporting required by this permit shall be submitted to the following address:

Air Quality Permit Compliance  
Department of Environmental Quality  
Idaho Falls Regional Office  
900 Skyline, Suite B  
Idaho Falls, ID 83402  
Phone: (208) 528-2650  
Fax: (208) 528-2695



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**3. STEAM BOILER**

**3.1 Process Description**

The natural gas-fired steam boiler was manufactured by Clayton in 1998. The boiler has a rated heat input capacity of 12.8 million British thermal units per hour (MMBtu/hr).

**3.2 Emission Control Description**

Emissions from the natural gas-fired boiler are uncontrolled.

***Emission Limits***

**3.3 Emission Limit**

The permittee shall not discharge to the atmosphere from the steam boiler particulate matter (PM) in excess of 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume for gas in accordance with IDAPA 58.01.01.675.

***OPERATING REQUIREMENTS***

**3.4 Fuel Type**

The steam boiler shall be fueled exclusively on natural gas.

***Reporting and Recordkeeping Requirements for Steam Boiler***

**3.5 Monitoring and Recordkeeping Requirement**

The permittee shall monitor and maintain records of the amounts of natural gas combusted in the steam boiler during each day in accordance with 40 CFR 60 Subpart Dc unless otherwise approved by EPA. The records shall be maintained by the permittee for a period of five years following the date of such record.

**3.6 Reporting Requirement**

The permittee shall submit notification of the date of construction or reconstruction, and actual startup, as provided by 40 CFR 60.7. This notification shall include the design heat input capacity of the steam boiler and identification of fuels to be combusted in the steam boiler.

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**4. A-LINE AND B-LINE OVENS****4.1 Process Description**

The APB A-Line process oven was manufactured by Eclipse in 1989. The ovens model number is RM200. The oven has six burners; each with a rated heat input capacity of 2.0 MMBtu/hr. Natural gas is used exclusively as the fuel type. Emissions exit through a single stack that is 33.08 feet in height from ground level. The stack diameter is 8 inches x 8 inches.

The Krimco B-Line process oven was manufactured by Eclipse in 2000. The ovens model number is RM200. The oven has eight burners; each with a rated heat input capacity of 2.0 MMBtu/hr. Natural gas is used exclusively as the fuel type. Emissions exit through a single stack that is 35.0 feet in height from ground level. The stack diameter is 17.5 inches x 31.5 inches.

**4.2 Emission Control Description**

Emissions from the A-Line and B-Line process ovens are uncontrolled.

***Emission Limits*****4.3 Emission Limits**

The PM<sub>10</sub> emissions from the A-line and B-line process oven stacks shall not exceed any corresponding emissions rate limit listed in Table 4.1.

**Table 4.1 A-LINE AND B-LINE OVENS EMISSIONS LIMITS**

Source Description	PM <sub>10</sub>
	lb/day
A-line oven	2.76
B-line oven	2.76

***Operating Requirements*****4.4 Throughput Limits**

- The maximum daily throughput of raw potato product to the A-Line process oven shall not exceed 120 tons per day.
- The maximum daily throughput of raw potato product to the B-Line process oven shall not exceed 120 tons per day.

**4.5 Fuel Type**

The A-Line process oven and the B-Line process oven shall be fueled exclusively on natural gas.



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<b>Location:</b>	Sugar City, Idaho			

***Monitoring and Recordkeeping Requirements*****4.6     Monitoring Requirement**

The permittee shall monitor and record the throughput of raw potato product to the A-Line process oven and the B-Line process oven on a daily basis to demonstrate compliance with Permit Condition 4.4. Throughput shall be recorded as tons. Records of this information shall be kept on site for the most recent two-year period and shall be made available to DEQ representatives upon request.

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<b>Location:</b>	Sugar City, Idaho			

**5. PERMIT GENERAL PROVISIONS**

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the Rules for the Control of Air Pollution in Idaho. The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code §39-101, et seq.
2. The permittee shall at all times (except as provided in the Rules for the Control of Air Pollution in Idaho) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
  - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
  - At reasonable times, to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack compliance testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
5. The permittee shall notify DEQ, in writing, of the required information for the following events within 5 working days after occurrence:
  - Initiation of Construction - Date
  - Completion/Cessation of Construction - Date
  - Actual Production Startup - Date
  - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description



**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-040511**

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<b>Location:</b>	Sugar City, Idaho			

of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

7. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
8. In accordance with IDAPA 58.01.01.123, all documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

**Appendix B**  
**DEQ Application Forms**

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**DEQ AIR QUALITY PROGRAM**  
 1410 N. Hilton, Boise, ID 83706  
 For assistance, call the  
**Air Permit Hotline – 1-877-5PERMIT**

# PERMIT TO CONSTRUCT APPLICATION

Revision 3  
 04/03/07

Please see instructions on page 2 before filling out the form.

## COMPANY NAME, FACILITY NAME, AND FACILITY ID NUMBER

1. Company Name	Norsun Food Group, Inc		
2. Facility Name	Norsun Food Group, Inc., Sugar City	3. Facility ID No.	065-00013
4. Brief Project Description - One sentence or less	Increase in production		

## PERMIT APPLICATION TYPE

5. ☐ New Facility ☐ New Source at Existing Facility ☐ Unpermitted Existing Source  
☒ Modify Existing Source: Permit No.: P-040511 Date Issued: Jan. 27, 2005  
☐ Required by Enforcement Action: Case No.: \_\_\_\_\_

6. ☐ Minor PTC ☐ Major PTC

## FORMS INCLUDED

Include d	N/A	Forms	DEQ Verify
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form GI – Facility Information	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form EU0 – Emissions Units General	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU1 - Industrial Engine Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU2 - Nonmetallic Mineral Processing Plants Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU3 - Spray Paint Booth Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form EU4 - Cooling Tower Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form EU5 – Boiler Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form HMAP – Hot Mix Asphalt Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form CBP - Concrete Batch Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form BCE - Baghouses Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Form SCE - Scrubbers Control Equipment	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forms EI-CP1 - EI-CP4 - Emissions Inventory– criteria pollutants (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PP – Plot Plan	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Forms MI1 – MI4 – Modeling (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form FRA – Federal Regulation Applicability	<input type="checkbox"/>

## DEQ USE ONLY

### Date Received

RECEIVED

MAY 31 2007

DEPARTMENT OF ENVIRONMENTAL QUALITY  
 SUGAR CITY, IDAHO

### Project Number

### Payment / Fees Included?

Yes ☐ No ☒

### Check Number



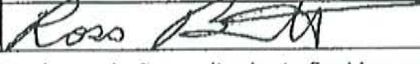
DEQ AIR QUALITY PROGRAM  
1410 N. Hilton, Boise, ID 83706  
For assistance, call the  
Air Permit Hotline – 1-877-5PERMIT

# PERMIT TO CONSTRUCT APPLICATION

Revision 3  
03/26/07

Please see instructions on page 2 before filling out the form.

**All information is required. If information is missing, the application will not be processed.**

IDENTIFICATION	
1. Company Name	Norsun Food Group, Inc.
2. Facility Name (If different than #1)	Norsun Food Group, Inc. Sugar City
3. Facility I.D. No.	065-00013
4. Brief Project Description:	Increase in production
FACILITY INFORMATION	
5. Owned/operated by: (√ If applicable)	<input type="checkbox"/> Federal government <input type="checkbox"/> County government <input type="checkbox"/> State government <input type="checkbox"/> City government
6. Primary Facility Permit Contact Person/Title	Ross Bennett, Technical Services Manager
7. Telephone Number and Email Address	208-356-4149 x 119
8. Alternate Facility Contact Person/Title	Mike Holden, Plant Manager
9. Telephone Number and Email Address	308-356-4149
10. Address to which permit should be sent	900 East 3000 North
11. City/State/Zip	Sugar City / Idaho / 83448
12. Equipment Location Address (if different than #10)	903 East 3000 North
13. City/State/Zip	Sugar City / Idaho / 83448
14. Is the Equipment Portable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
15. SIC Code(s) and NAICS Code	Primary SIC: 2037    Secondary SIC (if any):    NAICS: 311411
16. Brief Business Description and Principal Product	Increase in plant's potato processing
17. Identify any adjacent or contiguous facility that this company owns and/or operates	NA
PERMIT APPLICATION TYPE	
18. Specify Reason for Application	<input type="checkbox"/> New Facility <input type="checkbox"/> New Source at Existing Facility <input type="checkbox"/> Unpermitted Existing Source <input checked="" type="checkbox"/> Modify Existing Source: Permit No.: P-040511    Date Issued: Jan. 27, 2005 <input type="checkbox"/> Permit Revision <input type="checkbox"/> Required by Enforcement Action: Case No.:
CERTIFICATION	
IN ACCORDANCE WITH IDAPA 58.01.01.123 (RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO), I CERTIFY BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION IN THE DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE.	
19. Responsible Official's Name/Title	Ross Bennett, Technical Services Manager
20. RESPONSIBLE OFFICIAL SIGNATURE	
21. <input checked="" type="checkbox"/> Check here to indicate you would like to review a draft permit prior to final issuance.	Date: 05/28/2007





DEQ AIR QUALITY PROGRAM  
1410 N. Hilton, Boise, ID 83706  
For assistance, call the  
Air Permit Hotline – 1-877-5PERMIT

# PERMIT TO CONSTRUCT APPLICATION

Revision 3  
03/27/07

Please see instructions on page 2 before filling out the form.

## IDENTIFICATION

Company Name: Norsun Food Group, Inc.	Facility Name: Norsun Food Group, Inc., Sugar City	Facility ID No: 065-00013
Brief Project Description:	Increase in production	

## EMISSIONS UNIT (PROCESS) IDENTIFICATION & DESCRIPTION

1. Emissions Unit (EU) Name:	OVEN DRYING BURNER		
2. EU ID Number:	A LINE OVEN		
3. EU Type:	<input type="checkbox"/> New Source <input type="checkbox"/> Unpermitted Existing Source <input checked="" type="checkbox"/> Modification to a Permitted Source -- Previous Permit #:P-040511    Date Issued: Jan. 27, 2005		
4. Manufacturer:	ECLIPSE COMBUSTION		
5. Model:	RM200		
6. Maximum Capacity:	9.8 MMBTU/HR (719 kW)		
7. Date of Construction:			
8. Date of Modification (if any)			
9. Is this a Controlled Emission Unit?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes    If Yes, complete the following section. If No, go to line 18.		

## EMISSIONS CONTROL EQUIPMENT

10. Control Equipment Name and ID:						
11. Date of Installation:			12. Date of Modification (if any):			
13. Manufacturer and Model Number:						
14. ID(s) of Emission Unit Controlled:						
15. Is operating schedule different than emission units(s) involved?	<input type="checkbox"/> Yes <input type="checkbox"/> No					
16. Does the manufacturer guarantee the control efficiency of the control equipment?	<input type="checkbox"/> Yes <input type="checkbox"/> No    (If Yes, attach and label manufacturer guarantee)					
Control Efficiency	Pollutant Controlled					
	PM	PM10	SO <sub>2</sub>	NOx	VOC	CO

17. If manufacturer's data is not available, attach a separate sheet of paper to provide the control equipment design specifications and performance data to support the above mentioned control efficiency.

## EMISSION UNIT OPERATING SCHEDULE (hours/day, hours/year, or other)

18. Actual Operation	
19. Maximum Operation	180 TONS/DAY (INCREASE OF 60 TONS/DAY)

## REQUESTED LIMITS

20. Are you requesting any permit limits?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No    (If Yes, check all that apply below)
<input type="checkbox"/> Operation Hour Limit(s):	
<input checked="" type="checkbox"/> Production Limit(s):	180 TONS/DAY (INCREASE OF 60 TONS/DAY)
<input type="checkbox"/> Material Usage Limit(s):	
<input type="checkbox"/> Limits Based on Stack Testing	Please attach all relevant stack testing summary reports
<input type="checkbox"/> Other:	
21. Rationale for Requesting the Limit(s):	FACILITY LINE EXPANSION



**DEQ AIR QUALITY PROGRAM**  
 1410 N. Hilton, Boise, ID 83706  
 For assistance, call the  
**Air Permit Hotline – 1-877-5PERMIT**

# PERMIT TO CONSTRUCT APPLICATION

Revision 3  
 03/27/07

Please see instructions on page 2 before filling out the form.

## IDENTIFICATION

Company Name: Norsun Food Group, Inc.	Facility Name: Norsun Food Group, Inc., Sugar City	Facility ID No: 065-00013
Brief Project Description: Increase in production		

## EXEMPTION

Please see IDAPA 58.01.01.222 for a list of industrial boilers that are exempt from Permit to Construct requirements.

## BOILER (EMISSION UNIT) DESCRIPTION AND SPECIFICATIONS

1. Type of Request: <input type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input checked="" type="checkbox"/> Modification to a Unit with Permit #:P-040511		
2. Use of Boiler: <input checked="" type="checkbox"/> % Used For Process <input type="checkbox"/> % Used For Space Heat <input type="checkbox"/> % Used For Generating Electricity <input type="checkbox"/> Other:		
3. Boiler ID Number: Steam Boiler	4. Rated Capacity: <input checked="" type="checkbox"/> 14.645 Million British Thermal Units Per Hour (MMBtu/hr) <input type="checkbox"/> 1,000 Pounds Steam Per Hour (1,000 lb steam/hr)	
5. Construction Date:	6. Manufacturer: Clayton Industries	7. Model:
8. Date of Modification (if applicable):	9. Serial Number (if available):	10. Control Device (if any): NA <b>Note: Attach applicable control equipment form(s)</b>

## FUEL DESCRIPTION AND SPECIFICATIONS

11. Fuel Type	<input type="checkbox"/> Diesel Fuel (# ) (gal/hr)	<input checked="" type="checkbox"/> Natural Gas (cf/hr)	<input type="checkbox"/> Coal (unit: /hr)	<input type="checkbox"/> Other Fuels (unit: /hr)
12. Full Load Consumption Rate				
13. Actual Consumption Rate				
14. Fuel Heat Content (Btu/unit, LHV)		1020 BTU/CUFT		
15. Sulfur Content wt%				
16. Ash Content wt%		N/A		

## STEAM DESCRIPTION AND SPECIFICATIONS

17. Steam Heat Content	NA	NA		
18. Steam Temperature (°F)	N/A	N/A		
19. Steam Pressure (psi)	N/A	N/A		
20. Steam Type	N/A	N/A	<input type="checkbox"/> Saturated <input type="checkbox"/> Superheated	<input type="checkbox"/> Saturated <input type="checkbox"/> Superheated

## OPERATING LIMITS & SCHEDULE

21. Imposed Operating Limits (hours/year, or gallons fuel/year, etc.): 8760 hr/yr
22. Operating Schedule (hours/day, months/year, etc.): 8760 hr/yr



DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline • 1-877-5PERMIT						PERMIT TO CONSTRUCT APPLICATION Revision 3 04/05/2007								
Company Name: Norsun Food Group, Inc.														
Facility Name:						Norsun Food Group, Inc., Sugar City								
Facility ID No.:						065-00013								
Brief Project Description: Increase in production														
SUMMARY OF FACILITY WIDE EMISSION RATES FOR CRITERIA POLLUTANTS - POINT SOURCES														
1.						2.						3.		
Emissions units	Stack ID	PM <sub>10</sub> lb/hr	T/yr	SO <sub>2</sub> lb/hr	T/yr	NO <sub>x</sub> lb/hr	T/yr	CO lb/hr	T/yr	VOC lb/hr	T/yr	Lead lb/hr	T/yr	
Point Source(s)														
Steam Boiler		0.10	0.42	0.01	0.03	1.25	5.50	1.05	4.62	0.07	0.30			
Steam Peeler		0.00	0.00	0.00	0.00	0.01	0.05	0.01	0.04	0.00	0.00			
A-Line Oven		0.12	0.50	0.01	0.03	1.18	5.15	0.99	4.33	0.06	0.28			
B-Line Oven		0.12	0.50	0.01	0.04	1.57	6.87	1.32	5.77	0.09	0.38			
C-Line Oven		0.01	0.07	0.00	0.01	0.20	0.86	0.16	0.72	0.01	0.05			
R & D Oven		0.00	0.01	0.00	0.00	0.02	0.08	0.01	0.06	0.00	0.00			
Line Heater		0.04	0.20	0.00	0.02	0.29	1.29	0.49	2.16	0.03	0.14			
Office Heater (Lennox)		0.00	0.00	0.00	0.00	0.01	0.06	0.01	0.05	0.00	0.00			
Office 9200 Heater (A)		0.00	0.00	0.00	0.00	0.01	0.04	0.01	0.04	0.00	0.00			
Office 9200 Heater (B)		0.00	0.00	0.00	0.00	0.01	0.04	0.01	0.04	0.00	0.00			
Shop Heater		0.00	0.01	0.00	0.00	0.02	0.09	0.02	0.08	0.00	0.01			
Lab Heater		0.00	0.00	0.00	0.00	0.01	0.06	0.01	0.05	0.00	0.00			
Boiler Room Heater		0.00	0.00	0.00	0.00	0.01	0.03	0.01	0.03	0.00	0.00			
C-Line Room Heater (A)		0.00	0.00	0.00	0.00	0.01	0.06	0.01	0.05	0.00	0.00			
C-Line Room Heater (B)		0.00	0.00	0.00	0.00	0.01	0.06	0.01	0.05	0.00	0.00			
A & B Line Room Heater (A)		0.00	0.01	0.00	0.00	0.02	0.08	0.01	0.06	0.00	0.00			
A & B Line Room Heater (B)		0.00	0.01	0.00	0.00	0.02	0.08	0.01	0.06	0.00	0.00			
Total		0.40	1.74	0.03	0.13	4.66	20.41	4.16	18.22	0.27	1.19			



[illegible]



DEQ AIR QUALITY PROGRAM  
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# PERMIT TO CONSTRUCT APPLICATION

Revision 2  
02/14/07

Please see instructions on page 2 before filling out the form.

## IDENTIFICATION

Company Name: Norsun Food Group, Inc.	Facility Name: Norsun Food Group, Inc., Sugar City	Facility ID No: 065-00013
Brief Project Description: Increase in production		

## APPLICABILITY DETERMINATION

1. Will this project be subject to 1990 CAA Section 112(g)? (Case-by-Case MACT)	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES*
* If YES then applicant must submit an application for a case-by-case MACT determination [IAC 567 22-1(3)"b" (8)]		
2. Will this project be subject to a New Source Performance Standard? (40 CFR part 60)	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES*
*If YES please identify sub-part: <u>Subpart Dc</u>		
3. Will this project be subject to a MACT ( <u>M</u> aximum <u>A</u> chievable <u>C</u> ontrol <u>T</u> echnology) regulation? (40 CFR part 63)	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES*
*If YES please identify sub-part:		
THIS ONLY APPLIES IF THE PROJECT EMITS A HAZARDOUS AIR POLLUTANT		
4. Will this project be subject to a NESHAP ( <u>N</u> ational <u>E</u> mission <u>S</u> tandards for <u>H</u> azardous <u>A</u> ir <u>P</u> ollutants) regulation? (40 CFR part 61)	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES*
*If YES please identify sub-part:		
5. Will this project be subject to PSD ( <u>P</u> revention of <u>S</u> ignificant <u>D</u> eterioration)? (40 CFR section 52.21)	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
6. Was netting done for this project to avoid PSD?	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES*
*If YES please attach netting calculations		
<b>IF YOU ARE UNSURE HOW TO ANSWER ANY OF THESE QUESTIONS, CALL THE AIR PERMIT HOTLINE AT 1-877-5PERMIT</b>		